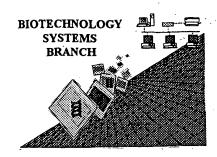
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	10/0/8,228
Source:	PU/10
Date Processed by STIC:	1/9/2002
•	

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility-that-the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- Hand Carry directly to:
 U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
 Or
 - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/018,228

DATE: 01/09/2002 TIME: 13:41:30

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\01082002\J018228.raw

Does Not Comply
Corrected Diskette Needed

5 <110> APPLICANT: Lex M. Cowsert

ISIS PHARMACEUTICALS, INC.

8 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-S1 EXPRESSION

W--> 9 <130> FILE REFERENCE: RTSP-0061

10 <140> CURRENT APPLICATION NUMBER: US/10/018,228

> 10 <141> CURRENT FILING DATE: 2001-12-12

10 <150> PRIOR APPLICATION NUMBER: 09/344,914

11 <151> PRIOR FILING DATE: 1999-06-25

13 <160> NUMBER OF SEQ ID NOS: 87

ERRORED SEQUENCES

997 <210> SEQ ID NO: 87

998 <211> LENGTH: 20

999 <212> TYPE: DNA

1000 2213> ORGANISM: Artificial Sequence

W--> 1002 (<220) FEATURE:

1002 <223> OTHER INFORMATION: Antisense Oligonucleotide

1004 <400> SEOUENCE: 87

1005 atatttattt catttgtttc

E--> 1008(i)

20

[2217, C2227, 0]

62237 is shown

The types of errors shown exist throughout the Sequence Listing. Please check all sequences for similar errors.

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\01082002\J018228.raw

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:142 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:152 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:162 M:258 W: Mandatory Feature missing, <220> FEATURE:
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L:193 M:258 W: Mandatory Feature missing, <220> FEATURE:
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VERIFICATION SUMMARY

DATE: 01/09/2002 PATENT APPLICATION: US/10/018,228 TIME: 13:41:31

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\01082002\J018228.raw

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L:1008 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:20 SEQ:87